

10/029334

CJ-18

KCC 4789 (K-C 15,965)
PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent of: Koenig et al.
Patent No.: 6,887,496 B2
Issued: May 3, 2005
For: PRODUCTS FOR CONTROLLING MICROBIAL
ORGANIC COMPOUND PRODUCTION

Certificate
SEP 28 2005
of Correction

September 20, 2005

REQUEST FOR EXPEDITED ISSUANCE
OF CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322

TO THE COMMISSIONER FOR PATENTS,

SIR:

On studying the above-identified patent, the following errors, apparently made by the Patent and Trademark Office, were found (these errors are also noted on the attached form PTO-1050):

Column 1, line 21: "inflammation" should read - - -
inflammation - - -.

Column 1, line 24: "inflammation" should read - - -
inflammation - - -.

Column 1, line 30: "inflammation" should read - - -
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Column 1, line 35: "inflammation" should read - - -
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Column 2, line 10: "inflammation" should read - - -
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SEP 28 2005

09/26/2005 HDESTA2 00000026 6887496 100.00 OP
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Column 2, line 38: "mannitol-peroxide" should read - - -
mannitol peroxide - - -.

Column 2, line 59: "wearers" should read - - - wearer's - -
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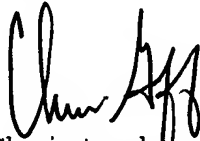
REMARKS

In accordance with 37 CFR 1.322, a copy of Amendment E,
dated October 6, 2004, and a copy of the Notice of
* Allowance dated December 13, 2004, are attached.

Since one or more of the errors shown above were made by
Applicants, the \$100.00 fee required under Rule 1.323 is
enclosed.

We respectfully request that a certificate of correction be
issued.

Respectfully submitted,



Christopher M. Goff, Reg. No. 41,785
SENNIGER POWERS
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

CERTIFICATE OF MAILING

I hereby certify that the foregoing Letter to the Patent and
Trademark Office in the patent of Koenig et al., Patent No.
6,887,496 B2, issued May 3, 2005 is being deposited with the
United States Postal Service as first class mail in an envelope
addressed to: Mail Stop Post Issue, Certificate of Corrections
Branch, Commissioner for Patents, P.O. Box 1450, Alexandria,
Virginia 22313-1450 on this 20th day of September, 2005.


Christie L. Hartmann

CMG/clh
*Enclosures

SEP 28 2005

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DATED : May 3, 2005

INVENTOR(S): Koenig et al.

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MAILING ADDRESS OF SENDER:

Senniger Powers
One Metropolitan Square, 16th Floor
St. Louis, Missouri 6312

PATENT NO. 6,887,496 B2

No. of additional copies

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SEP 28 2005

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,887,496 B2

DATED : May 3, 2005

INVENTOR(S): Koenig et al.

Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, line 34: "97° C." should read --- 97°C ---.

Column 5, line 38: "97° C." should read --- 97°C ---.

Column 5, line 48: "remain" should read --- remains ---.

Column 5, line 58: "100° C." should read --- 100°C ---.

Column 7, line 33: "production" should read --- producing ---.

Column 9, line 52: "Austin Tex." should read --- Austin, Tex. ---.

Column 9, line 63: "37° C." should read --- 37°C ---.

Column 10, lines 10-11: "37° C." should read --- 37°C ---.

Column 10, line 17: "37° C." should read --- 37°C ---.

Column 10, line 24: "37 °C." should read --- 37°C ---.

Column 10, line 39: "form a multi-layered" should read --- form multi-layered ---.

Column 10, line 45: "37° C." should read --- 37°C ---.

Column 10, line 51: "incubate" should read --- incubated ---.

Column 10, line 51: "37° C." should read --- 37°C ---.

Column 10, line 59: "R& D" should read --- R&D ---.

Column 11, line 14: "37° C." should read --- 37°C ---.

MAILING ADDRESS OF SENDER:

Senniger Powers
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102

PATENT NO. 6,887,496 B2

No. of additional copies

⇌ 2

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT NO. : 6,887,496 B2

DATED : May 3, 2005

INVENTOR(S): Koenig et al.

Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11, line 35: "(3)" should read - - - (2) - - -.

Column 11, line 36: "(4)" should read - - - (3) - - -.

Column 12, line 6: "IL-1 a" should read - - - IL-1a - - -.

Column 12, line 13: "IL-1 a" should read - - - IL-1a - - -.

Column 12, line 30: "production ammonia" should read - - - production of ammonia - - -.

Column 12, line 50: "record" should read - - - recording - - -.

Column 13, line 34: "(97° C.)" should read - - - (97°C) - - -.

Column 14, line 19: "37° C." should read - - - 37°C - - -.

Column 14, line 25: "37° C." should read - - - 37°C - - -.

Column 15, line 59: "a" should read - - - an - - -.

Column 16, line 54: "IL-1 a" should read - - - IL-1a - - -.

Column 17, line 50: "Table 8" should read - - - Table 7 - - -.

Column 18, line 1: "Fig." should read - - - Table - - -.

Column 18, line 27: "37° C." should read - - - 37°C - - -.

Column 18, line 28: "microtiter" should read - - - microliter - - -.

Column 18, line 44: " place" should read - - - placed - - -.

MAILING ADDRESS OF SENDER:

Senniger Powers
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102

PATENT NO. 6,887,496 B2

No. of additional copies

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SEP 28 2005

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,887,496 B2

DATED : May 3, 2005

INVENTOR(S): Koenig et al.

Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 18, line 46: "37° C." should read --- 37°C ---.

Column 19, line 3: "97° C." should read --- 97°C ---.

Column 19, line 22: "97° C." should read --- 97°C ---.

MAILING ADDRESS OF SENDER:

Senniger Powers
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102

PATENT NO. 6,887,496 B2

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

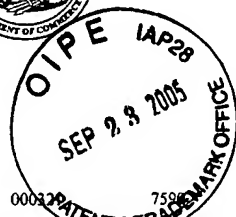
SEP 28 2005

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NOTICE OF ALLOWANCE AND FEE(S) DUE

000329 759 12/13/2004 *cm6/fomb*
SENNIGER POWERS LEAVITT AND ROEDEL
ONE METROPOLITAN SQUARE
16TH FLOOR
ST LOUIS, MO 63102

EXAMINER

CHOI, FRANK I

ART UNIT

PAPER NUMBER

✓ 1616

DATE MAILED: 12/13/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
✓ 10/029,334	✓ 12/20/2001	✓ David William Koenig	✓ KCC 4789	✓ 3247

TITLE OF INVENTION: PRODUCTS FOR CONTROLLING MICROBIAL ORGANIC COMPOUND PRODUCTION✓

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO ✓	\$1400	\$300	\$1700	03/14/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/029,334 ✓	12/20/2001 ✓	✓ David William Koenig	✓ KCC 4789	✓ 3247
000321	7590	12/13/2004 <i>CMG/JMB</i>		
SENNIGER POWERS LEAVITT AND ROEDEL ONE METROPOLITAN SQUARE 16TH FLOOR ST LOUIS, MO 63102				
			EXAMINER CHOI, FRANK I	
			ART UNIT ✓ 1616	PAPER NUMBER

DATE MAILED: 12/13/2004

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
 (application filed on or after May 29, 2000)

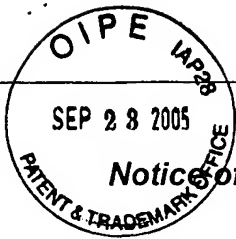
The Patent Term Adjustment to date is 34 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 34 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

mmm



Notice of Allowability	Application No.	Applicant(s)	
	10/029,334	KOENIG ET AL.	
	Examiner	Art Unit	
	Frank I Choi	1616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After-Final Amendment (10/6/2004) which has been entered.
2. ☒ The allowed claim(s) is/are 1,6-14[renumbered as claims 2-10], 19-21[renumbered as claims 11-13], 23[renumbered as claim 14].
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT/REASONS FOR ALLOWANCE

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Chris Goff on 12/10/2004.

The application has been amended as follows:

Claim 23, line 4: delete "wearer's" and insert in place thereof the following:

-- user's --.

Claim 23, lines 13, 14: delete "diaper pails, liners for diaper pails, refuse containers, bed pads, and puppy pads" and insert in place thereof the following:

-- and bed pads --.

The following is an examiner's statement of reasons for allowance:

Persuant to the telephone interview with Chris Goff on 12/10/2004, the amendment to claim 23 above is being made so as to correspond use of the crystallized sorbitol-hydrogen peroxide mixture on the user's skin with a product which would conventionally be used on said user's skin.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 1616

Conclusion

A facsimile center has been established in Technology Center 1600. The hours of operation are Monday through Friday, 8:45 AM to 4:45 PM. The telecopier number for accessing the facsimile machine is (703) 872-9306.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Frank Choi whose telephone number is (571)272-0610. Examiner maintains a flexible schedule. However, Examiner may generally be reached Monday-Friday, 8:00 am – 5:30 pm (EST), except the first Friday of the each biweek which is Examiner's normally scheduled day off.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's Supervisor, Mr. Gary Kunz, can be reached at 571-272-0887. Additionally, Technology Center 1600's Receptionist and Customer Service can be reached at (571) 272-1600.

FIC

December 10, 2004



**S. MARK CLARDY
PATENT EXAMINER
GROUP 1200**

1616



KCC 4/89(K-C 15,965)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of David W. Koenig et al. Art Unit 1616
Serial No. 10/029,334
Filed December 20, 2001
Confirmation No. 3247
For: PRODUCTS FOR CONTROLLING MICROBIAL ORGANIC COMPOUND
PRODUCTION
Examiner Frank Choi

October 6, 2004

AMENDMENT E

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR/MADAM:

In response to the final Office action dated July 28, 2004, please make the following amendments and consider the following remarks set forth in this Amendment E.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) An absorbent product comprising a crystallized carbohydrate-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, the absorbent product being selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, and interlabial pads.

Claims 2-5 (Canceled).

6. (Previously Presented) The absorbent product as set forth in claim 1 wherein the absorbent product contains from about 0.01% (by weight of the absorbent product) to about 5% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

7. (Previously Presented) The absorbent product as set forth in claim 1 wherein the absorbent product contains from about 0.1% (by weight of the absorbent product) to about 1% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

8. (Previously Presented) The absorbent product as set forth in claim 1 wherein the crystallized carbohydrate-hydrogen peroxide mixture is encapsulated in a shell.

9. (Previously Presented) The absorbent product as set forth in claim 8 wherein the diameter of the shell is no greater than about 25 micrometers.

10. (Previously Presented) An absorbent product comprising a crystallized carbohydrate-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, the carbohydrate comprising a sugar alcohol, and wherein the absorbent product is selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, tampons, and interlabial pads.

11. (Previously Presented) The absorbent product as set forth in claim 10 wherein the sugar alcohol is selected from the group consisting of dulcitol, arabitol, adonitol, mannitol, sorbitol, xylitol, lactitol, maltitol, dithioerythritol, dithiothreitol, glycerol, galactitol, erythritol, inositol, ribitol, hydrogenated starch hydrolysates, and mixtures and combinations thereof.

12. (Previously Presented) The absorbent product as set forth in claim 10 wherein the sugar alcohol is selected from the group consisting of mannitol and sorbitol.

13. (Previously Presented) The absorbent product as set forth in claim 10 wherein the absorbent product contains from about 0.01% (by weight of the absorbent product) to about 5% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

14. (Previously Presented) The absorbent product as set forth in claim 10 wherein the absorbent product contains from about 0.1% (by weight of the absorbent product) to about 1% (by weight of the absorbent product) of the crystallized carbohydrate-hydrogen peroxide mixture.

Claims 15-18 (Canceled).

19. (Previously Presented) The absorbent product as set forth in claim 10 wherein the crystallized carbohydrate-hydrogen peroxide mixture is encapsulated in a shell.

20. (Presented Presented) The absorbent product as set forth in claim 19 wherein the shell has a diameter no greater than about 25 micrometers.

21. (Previously Presented) An absorbent product comprising from about 0.01% (by weight of the absorbent product) to about 5% (by weight of the absorbent product) of a crystallized mannitol-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, wherein

the absorbent product is selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, tampons, and interlabial pads.

22. (Canceled).

23. (Previously Presented) A product comprising from about 0.01% (by weight of the product) to about 5% (by weight of the product) of a crystallized sorbitol-hydrogen peroxide mixture for reducing the amount of irritation on a wearer's skin caused by microbial-produced volatile organic compounds, the mixture being capable of generating oxygen upon activation, the oxygen acting as a terminal electron acceptor for bacteria on or near the skin's surface such that the production of volatile organic compounds by the bacteria is reduced, the product being selected from the group consisting of diapers, training pants, adult incontinence garments, feminine napkins, paper towels, tampons, interlabial pads, facial tissue, wound management products, bath tissue, deodorant powder, deodorant sticks, diaper pails, liners for diaper pails, refuse containers, bed pads, and puppy pads.

Claims 24-54 (Canceled).

REMARKS

Claims 25-42 have been canceled herein as being drawn to a non-elected invention. Applicants expressly reserve the right to file divisional applications directed towards these non-elected claims in the future.

Applicants have additionally canceled claims 47-54. Upon entry of this Amendment E, claims 1, 6-14, 19-21, and 23 will be pending. Applicants note that the Office has found claims 1, 6-14, 19-21, and 23 to be in condition for allowance. As such, Applicants submit that all pending claims are in condition for allowance.

The Commissioner is hereby authorized to charge any fee deficiency in connection with this Amendment E to Deposit Account Number 19-1345 in the name of Senniger, Powers, Leavitt & Roedel.

Respectfully submitted,



Christopher M. Goff, Reg. No. 41,785
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

CMG/JMB/dhm

Via facsimile (703) 872-9306